

CONTROL BLOCK:

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 (1)

0	1	W	I	K	N	P	1	2	0	0	-	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5	
7	8	LICENSEE CODE						14	15	LICENSE NUMBER										25	26	LICENSE TYPE					30	57	CAT	58

REPORT SOURCE 0 1 7 8 L 6 60 61 0 5 0 0 0 3 0 5 68 7 0 7 3 0 8 1 74 8 0 8 2 8 8 1 75 9

DOCKET NUMBER EVENT DATE REPORT DATE

0 2 During steady full power operation on 7-30-81, low Boric Acid heat tracing tempera-
0 3 tures (110 degrees F.) were detected on the section of piping between the BA tanks
0 4 and the SI pumps. While performing maintenance on the heat tracing in this pipe sec-
0 5 tion, no compensating actions were being taken to prevent solidification of BA in the
0 6 line. This is reportable per T.S. 6.9.2.b.(3). In the event that the pipe would have
0 7 become obstructed, borated water from the RWST would have been available to the SI
0 8 pumps. There was no effect on plant operation or public safety.

09		SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP. SUBCODE		VALVE SUBCODE			
0	9	S	F	A	C	H	E	A	T	E	R	Z	Z				
7	8	9	10	11	12	13	14	15	16	17	18	19	20				
(17) LER/RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.							
81		81		024		03		L		0							
21		22		24		26		28		30							
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER	
X	H	Z	Z	0000	Y	N	A	J060									
33	34	35	36	37	40	41	42	43	44	45	46	47					

1	0	See Attachment.
1	1	
1	2	
1	3	
1	4	

8 9 FACILITY STATUS 30 OTHER STATUS 32 DISCOVERY DESCRIPTION

1 5 E 28 1 0 0 29 NA A 31 Operator Observation

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

ACTIVITY CONTENT
RELEASED OF RELEASE

1 6 Z 33 10 34 NA

7 8 9 10 11

AMOUNT OF ACTIVITY (35)

NA

45 80

LOCATION OF RELEASE (36)

PERSONNEL EXPOSURES									
NUMBER			TYPE	DESCRIPTION					
1	7	0	0	0	(37)	Z	(38)	NA	

PERSONNEL INJURIES										
NUMBER				DESCRIPTION						
1	8	0	0	0	40	NA				

LOSS OF OR DAMAGE TO FACILITY (43)
TYPE DESCRIPTION
1 9 Z (42) NA

PUBLICITY
 ISSUED DESCRIPTION (45)
 2 0 N (44) NA
 7 8 9 10
 8109100300 810901
 PDR ADOCK 05000305
 S PDR
 NRC USE ONLY
 68 69 70

NAME OF PREPARER P.M. Lindberg

PHONE: (414) 388-2560

ATTACHMENT TO LER 81-024/03L-0

Wisconsin Public Service Corporation
Kewaunee Nuclear Power Plant
Docket 50-305
Operating License DPR-43

Cause Description and Corrective Actions

The low BA temperature was caused by the removal of insulation from the BA heat tracing circuits. Without this insulation, heat tracing did not maintain the necessary pipe temperatures. The insulation was removed on 7-29-81 to permit maintenance on the heat tracing circuits. However, no compensatory measures were taken to insure the proper fluid temperature. After discovery of this incident, the insulation was re-installed and temperatures in the piping section were monitored to verify a return to normal temperature. A flow path was confirmed by obtaining recirculation flow through this piping section. The importance of proper communications when performing maintenance on heat tracing circuits and other safety-related systems will be discussed with operations and maintenance. No further corrective action is being taken.